

03500.120467

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Not Yet Assigned
TAKASHI KENMOKU ET AL.	)	
	:	Group Art Unit: Not Yet Assigned
Application No.: Not Yet Assigned	)	
	:	
Int'l Application No. PCT/JP2005/011000	)	
	:	
Filed: June 9, 2005	)	
	:	
For: POLYHYDROXYALKANOIC	)	
ACID HAVING ESTER,	:	
CARBOXYL OR SULFONIC	)	
ACID GROUP, AND	:	
PRODUCING METHOD	)	
THEREFOR	:	May 25, 2006

**Mail Stop PCT**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Since the U.S. Patent and Trademark Office waived the requirement under 37 C.F.R. § 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications and for all international applications that have entered the national stage under 35 U.S.C. § 371, no copies of such documents are enclosed. Copies of the other listed documents are enclosed.

This Information Disclosure Statement is, in part, to make of record documents cited in the International Search Report and the Written Opinion issued in the international application of which the subject application is a national stage. Copies of the Search Report and the Written Opinion are enclosed.


The concise explanation of relevance for the non-English document may be found, *inter alia*, in the above-mentioned Search Report, Written Opinion and/or in U.S. Patent No. 6,156,429, which is in the same patent family.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. <b>03500.120467</b>		APPLICATION NO. <b>N.Y.A.</b> <b>10/580830</b> Nat'l Stage of <b>PCT/JP2005/011000</b>		
			APPLICANT <b>Takashi Kenmoku et al.</b>				
			FILING DATE <b>June 9, 2005</b>			GROUP <b>N.Y.A.</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>5,610,241</b>	<b>03/11/97</b>	<b>Lee et al.</b>	<b>525</b>	<b>411</b>	
		<b>4,265,247</b>	<b>05/05/81</b>	<b>Lenz et al.</b>	<b>606</b>	<b>230</b>	
		<b>4,320,753</b>	<b>03/23/82</b>	<b>Lenz et al.</b>	<b>424</b>	<b>444</b>	
		<b>6,156,429</b>	<b>12/05/00</b>	<b>Marcincinova et al.</b>	<b>428</b>	<b>402</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>FR</b>	<b>2 765 228</b>	<b>12/31/98</b>	<b>France</b>			<b>Abstract</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Hironobu Fukuzaki et al., "Synthesis of Biodegradable Copoly(L-Lactic Acid/Aromatic Hydroxyacids) with Relatively Low Molecular Weight," 26(12) Eur. Polym. J. 1273-77 (1990).</b>					
		<b>James K. Whitesell et al., "Homochiral and Heterochiral Polyesters: Polymers Derived from Mandelic Acid," 2(3) Chem. Mater. 248-54 (1990).</b>					
		<b>Benjamin Saulnier et al., "Lactic Acid-Based Functionalized Polymers via Copolymerization and Chemical Modification," 4 Macromol. Biosci. 232-37 (2004).</b>					
		<b>Sandrine Cammas et al., "Polymers of Maleic Acid and 3-Alkylmaleic Acid as Synthetic PHAs in the Design of Biocompatible Hydrolyzable Devices," 25 Intl. J. Biol. Macromol. 273-82 (1999).</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10/580830

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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	<b>S. Ponsart et al., "A Novel Route to Poly(<math>\epsilon</math>-caprolactone)-Based Copolymers via Anionic Derivatization," 1 <i>Biomolecules</i> 275-81 (2000).</b>
	<b>Mao Yin et al., "Preparation and Characterization of Substituted Polylactides," 32(23) <i>Macromol.</i> (1999).</b>
	<b>Tetsuji Yamaoka et al., "Synthesis and Properties of Malic Acid-Containing Functional Polymers," 25 <i>Intl. J. Biol. Macromol.</i> 265-71 (1999).</b>

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